

# ORDER

**Floodlight Genomics LLC****(Tax ID: 46-2786916)**

Attn:  
 8812 Quails Bend Ln  
 Knoxville, TN 37923  
 Phone 865-387-5154  
 Email: @icloud.com

DATE: FEBRUARY 1, 2024

To: AV ČR Ústav experimentální botaniky  
 Rozvojová 263  
 165 02 Praha 6 - Lysolaje  
 Czech Republic

**FOR:**  
 Primers for new assay and sequencing using  
 novel multiplex PCR products.

VAT no.: 61389030  
**order no. 24010043**

Contact person:  
 Nepelchová Petra  
 E-mail: [@ueb.cas.cz](mailto:@ueb.cas.cz)

Services and Cost	Price (\$US)
422 primers @ \$5/primer	\$2,100.00
PCR amplification @ \$3/sample for 96 gDNA samples.	\$288.00
Sequencing using an Illumina NovaSEQXplus device and sample-specific FASTQ data delivery.	\$300.00
20% Facilities Fee	\$ 539.60
<b>Total</b>	<b>\$ 3,227.60</b>

**Payment in full is required prior to the start of work.**

*Payment options:*

**Wire**

Bank of America Financial Center, 9375 Kingston Pike, Knoxville, TN 37922 Ph: 865-541-6130  
 SWIFT code: **BOFAUS3N**  
 Routing Number: **064000020**  
 Account Number: **444019133087**

**Check**

Mail to: 8812 Quails Bend LN, Knoxville, TN, 37923 Ph:865-387-5154

**Credit Card** (add 3% processing fee to total). Secure PayPal payment link can be sent upon request.

**Summary:**

**FG to Provide:**

1. PCR amplification of client-provided DNA samples. The client must provide a minimum of 20ul of DNA at a concentration >20ng/ul. The DNA should be equilibrated to between 20 and 40ng/ul for optimal results.
2. Construction of Illumina-compatible sequencing library and library quantification using qPCR.
3. Overnight shipment of library to a sequencing facility for sequencing on an Illumina device.
4. Delivery (via download) of sample-specific FASTQ files and processing to assign genotypes for loci with at least 10X sequence coverage. Genotypes will be delivered in a standard spreadsheet via electronic mail.

**Please Note Result Limitations and Requirements:**

1. FG strives to provide the best quality results possible. FG cannot guarantee that all client samples will receive an equal number of sample-specific sequences. FG cannot guarantee that all targets will receive a similar number of target-specific sequences. FG cannot guarantee that all primer combinations in the multiplexes will amplify.
2. It is the client's responsibility to ensure proper delivery of DNA to complete the project.
3. The DNA must be shipped in a well-sealed 96-well plate, overnight mail, frozen and show no signs of breakage or leakage. Volumes should be listed on the plates or provided as an electronic file.
4. The turn-around time is expected to be between 4 and 8 weeks from the time that DNA has arrived at FG.
5. Payment of 100% of the total project cost is due prior to the start of work and is non-refundable.
6. Data will be stored for 30 days following download notification at which time you are solely responsible for the data.
7. All organism-specific primer sequences will be sent to the client, but the primers used for amplification must remain with FG as they contain proprietary sequences in addition to the organism-specific components.